

QIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/755,016

DATE: 06/19/2001  
TIME: 12:22:03

Input Set : A:\Seqlist.txt  
Output Set: N:\CRF3\06192001\I755016.raw

ENTERED

4 <110> APPLICANT: Walke, D. Wade  
 5 Wilganowski, Nathaniel L.  
 6 Donoho, Gregory  
 7 Turner, C. Alexander Jr.  
 9 <120> TITLE OF INVENTION: Novel Human Proteases and Polynucleotides Encoding the Same  
 11 <130> FILE REFERENCE: LEX-0114-USA  
**C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/755,016**  
**C--> 13 <141> CURRENT FILING DATE: 2001-06-01**  
 13 <150> PRIOR APPLICATION NUMBER: US 60/174,686  
 14 <151> PRIOR FILING DATE: 2000-01-06  
 16 <160> NUMBER OF SEQ ID NOS: 7  
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 654  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Homo sapien  
 25 <400> SEQUENCE: 1

26 atqtqgacaq ctgtqattgg aactaataat atacatggac qctatcctca taccagaag	60
27 ataaaaatta aagaatcat tattcatcca aacttcattt tqqaatctta taaaaatgat	120
28 attgcacttt ttcaacttaaa aaaaqagtg aggtataatq actatattca qccattttqc	180
29 ctaccttttg atgttttcca aatcctggac qgaaacaccaa agtgttttat aqgtggcttg	240
30 qgaagaacaa aagaagaagg taacgtaca aatattttac aqatgcaga aqtcattat	300
31 atttctcgag agatgtgtaa ttctqagaqq aqttatqqqq qaataattcc taacacttca	360
32 ttttgtgcag qtqatgaaqa tgqaqctttt qatacttgcg qgggtgacag tgggggacca	420
33 ttaatgtgt acttaccaga atataaaaqa tttttgttaa tgqgatttac cagttaacgga	480
34 catggctgtq qtcqaaqaqq ttctctqgt qcttatattq qccatctt ctacaaaaaq	540
35 tqqetqacaq aqatattctt ccatqcaaqc aqtcacqca taatqactat adatatttta	600
36 cqtqccaaq ttcctatqce ttatqttt qtcatcttac taacacaaac ataa	654

38 <210> SEQ ID NO: 2  
 39 <211> LENGTH: 217  
 40 <212> TYPE: PRF  
 41 <213> ORGANISM: Homo sapien  
 43 <400> SEQUENCE: 2

44 Met Itp Thr Ala Val Ile Gly Thr Asn Asn Ile His Gly Arg Tyr Pro	
45 1 5 10 15	
46 His Thr Lys Lys Ile Lys Ile Lys Ala Ile Ile Ile His Pro Asn Phe	
47 20 25 30	
48 Ile Leu Glu Ser Itp Val Asn Asn Ile Asp Ile Ile Ile His Pro Asn	

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58 Gly Gly Ile Ile Pro Asn Thr Ser Phe Cys Ala Gly Asp Glu Asp Gly  
 59 115 120 125  
 60 Ala Phe Asp Thr Cys Arg Gly Asp Ser Gly Gly Pro Leu Met Cys Tyr  
 61 130 135 140  
 62 Leu Pro Glu Tyr Lys Arg Phe Phe Val Met Gly Ile Thr Ser Tyr Gly  
 63 145 150 155 160  
 64 His Gly Cys Gly Arg Arg Gly Phe Pro Gly Val Tyr Ile Gly Pro Ser  
 65 165 170 175  
 66 Phe Tyr Gln Lys Trp Leu Thr Glu His Phe Phe His Ala Ser Thr Gln  
 67 180 185 190  
 68 Gly Ile Leu Thr Ile Asn Ile Leu Arg Gly Gln Ile Leu Ile Ala Leu  
 69 195 200 205  
 70 Cys Phe Val Ile Leu Leu Ala Thr Thr  
 71 210 215  
 72 <210> SEQ ID NO: 3  
 74 <211> LENGTH: 1047  
 75 <212> TYPE: DNA  
 76 <213> ORGANISM: Homo sapien  
 78 <400> SEQUENCE: 3

79 atgcgttgtgg	ggctcttgg	cgtggcgttg	ttgtttgtgg	ggaaatctca	cttayactca	60
80 gaccaactact	ccgcctctgg	aaggcacagg	ctcgccccct	ccgcggaaacc	gggggttagt	120
81 tcccaageagg	ctgaggccgt	ccgcaagaqg	ctccggggc	ggaaaaaggg	ggggggccat	180
82 qcaaaggatt	gtggaaacagc	accgatataag	gatgtttgc	aagggttcgc	gattataggq	240
83 qccacccgaag	cacaagctgg	cgcattggcc	tgggtggta	gcctgcagat	taaatatgc	300
84 cgttttcttg	ttcatgtatg	tggggaaacc	ctagtqagag	agaqgtqqqt	cetcacagct	360
85 qcccaactqca	ctaaagaccc	ttatgttgg	caatgtgtat	tggaaactaat	420	
86 aataatcatg	qacgttatec	tcataccaaq	aaataaaaaa	ttaaaagcaat	cattattcat	480
87 ccaaacttca	ttttggaaatc	ttatqtaaat	qatatttgcac	tttttcaactt	aaaaaaagca	540
88 qtgggtata	atgactatatt	tcacgttatt	ttgtatgttt	ccaaatcttg	600	
89 qacggaaaca	caaagtgttt	tataagtqcc	tggggaaagaa	caaaaagaaga	aqgttaacqct	660
90 acaaataattt	tacaagatqc	aqaaqtqcat	tatatttctc	qaqaqatqtq	taatttctqaq	720
91 aqaaqtatq	qqqqaataat	tcataacact	tcattttqfq	caqgtqatq	aqatqqaqct	780
92 ttgtatactt	qcaqqqdtqa	caatqddqda	ccattaaatqt	qctacttacc	aaatataatada	840
93 aqatttttq	taatqqaat	taacqgttac	qaacatqqt	tttttttct	tttttttct	900
94 qatqfctata	tttqqqccatc	tttttacca	aaqtqdtqa	caqacattt	tttttccat	960
95 aqaaqtcaaq	qcatacttac	tataatattt	ttacqgttcc	aaatctcat	aqatctcat	1020
96 ttgtatctt	tactacaaac	aaatataa				1047

98 &lt;210&gt; SEQ ID NO: 4

99 &lt;211&gt; LENGTH: 348

100 &lt;212&gt; TYPE: PRT

101 &lt;213&gt; ORGANISM: Homo sapien

103 &lt;400&gt; SEQUENCE: 4

104 Met Arg Leu Gly Leu Leu Ser Val Asp Ile Pro Thr Ile Asp Glu Asp

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162	qacqaaaaca	caaagtgtt	tataagtqgc	tqqqqaqqa	caaaqaqa	aqtaacqct	480										
163	acaaatattt	tacaqatq	aqaaqtqcat	tatatttctc	qaqatq	gtq taatttctq	540										
164	qqqagtatq	qqqgataat	tcataacact	tcattttgtq	caqqtqatq	aqatqqaqct	600										
165	tttqatactt	gcagqgtq	caqtqqqqqa	ccattaaatgt	ctacttacc	aaatataaa	660										
166	agattttttq	taatqggat	taccaqtac	qqacatqqt	gtqgtq	caqg	720										
167	qgtqctata	ttqggccatc	tttctaccaa	aaqtqqtq	caqacattt	cttccatqea	780										
168	aqcactcaaq	qcatacttac	tataatattt	ttacqttqcc	aaatctcat	aqetttatgt	840										
169	tttqtcatct	taatqggaa	aacataaa				867										
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172	<211> LENGTH: 288																
173	<212> TYPE: PRF																
174	<213> ORGANISM: Homo sapien																
176	<400> SEQUENCE: 6																
177	Met	Gin	Asn	Cys	Gly	Thr	Ala	Pro	Leu	Lys	Asp	Val	Leu	Gln	Gly	Ser	
178	1						5						10			15	
179	Arg	Ile	Ile	Gly	Gly	Thr	Glu	Ala	Gln	Ala	Gly	Ala	Trp	Pro	Trp	Val	
180								20					25			30	
181	Val	Ser	Leu	Gin	Ile	Lys	Tyr	Gly	Arg	Val	Leu	Val	His	Val	Cys	Gly	
182								35					40			45	
183	Gly	Thr	Leu	Val	Arg	Glu	Arg	Trp	Val	Leu	Thr	Ala	Ala	His	Cys	Thr	
184								50					55			60	
185	Lys	Asp	Ala	Ser	Asp	Pro	Leu	Met	Trp	Thr	Ala	Val	Ile	Gly	Thr	Asn	
186								65					70			75	
187	Asn	Ile	His	Gly	Arg	Tyr	Pro	His	Thr	Lys	Lys	Ile	Lys	Ile	Lys	Ala	
188								85					90			95	
189	Ile	Ile	Ile	His	Pro	Asn	Phe	Ile	Leu	Glu	Ser	Tyr	Val	Asn	Asp	Ile	
190								100					105			110	
191	Ala	Leu	Phe	His	Leu	Lys	Lys	Ala	Val	Arg	Tyr	Asn	Asp	Tyr	Ile	Gln	
192								115					120			125	
193	Pro	Ile	Cys	Leu	Pro	Phe	Asp	Val	Phe	Gln	Ile	Leu	Asp	Gly	Asn	Thr	
194								130					135			140	
195	Lys	Cys	Phe	Ile	Ser	Gly	Itp	Gly	Arg	Thr	Lys	Glu	Glu	Gly	Asn	Ala	
196								145					150			155	
197	Thr	Asn	Ile	Ile	Ile	Gln	Asp	Ala	Glu	Val	His	Thr	Ile	Ser	Arg	Glu	Met
198								165					170			175	
199	Cys	Asn	Ser	Glu	Arg	Ser	Tyr	Gly	Gly	Ile	Ile	Pro	Asn	Thr	Ser	Phe	
200								180					185			190	
201	Cys	Ala	Gly	Asp	Glu	Asp	Gly	Ala	Phe	Asp	Thr	Cys	Arg	Gly	Asp	Ser	
202								195					200			205	
203	Gly	Gly	Pro	Leu	Met	Cys	Tyr	Leu	Pro	Glu	Tyr	Lys	Arg	Phe	Phe	Val	
204								210					215			220	
205	Met	Gly	Ile	Thr	Ser	Tyt	Gly	His	Gly	Cys	Gly	Arg	Arg	Gly	Phe	Pro	
206								225					230			235	

Sequence listing generated by the USPTO sequence listing system. The sequence listing is provided in plain text format. The sequence listing is provided in plain text format. The sequence listing is provided in plain text format.

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PATENT APPLICATION: US/09/755,016

DATE 06/19/2001

TIME 12:22:03

Input Set: A:\Seqlist.txt

Output Set: N:\CRF3\06192001\I755016.raw

214 <210> SEQ ID NO: 7  
 215 <211> LENGTH: 1286  
 216 <212> TYPE: DNA  
 217 <213> ORGANISM: Homo sapien  
 218 <400> SEQUENCE: 7

220	ttttccatt	tcagggttcq	taaaaaagctt	gaattcggcq	cgcacat	atcacatgtcc	60
221	aaqqqqgtcq	ctcgccccc	tcttgcgtcac	cagcctccaa	aatgcggctq	gggcgttcgtqa	120
222	gcgtggcqc	gttqtttggtq	qggagcttc	actttatactc	aqaccactac	tcgcctctg	180
223	qaaggcacag	gttcggcc	tcgcggaaac	cggcggtca	tccccaa	qatgtggccq	240
224	tcgcaca	qatccggc	cggaggaaq	qggggcgc	tgcggaa	qatgtggaa	300
225	caccgtt	aaatgtgttq	caagggttc	ggattatagg	gggcacccgaa	qccaaagctq	360
226	qcqcatggc	gtgggtgggtq	agctgtca	ttaaatatq	ccgtgtt	tttcatgtat	420
227	gtggggaaac	cctagtgaga	qagagggtq	tcctcac	tcggcaactqc	actaaagacq	480
228	ctagcgtat	tttaatgtq	acaqctgt	ttggaaactaa	taatatacat	ggacgttate	540
229	ctcataccaa	gaagataaaa	attaaa	tcattattca	tcggaaacttc	attttggat	600
230	tttatgtaaa	tgtatatt	tttttact	taaaaaa	agtqaggat	aatgtactata	660
231	ttcagctat	ttgcctac	tttqatgtt	tccaaatct	ggacqgaaac	acaaaqgtt	720
232	ttataagtgg	ctggggaa	acaaa	aaggtaac	tacaaatatt	ttacaagat	780
233	cagaagtgc	ttatatttct	cqagagatgt	gtatttgc	gaggagttat	ggggaaataa	840
234	ttcctaacac	ttcat	tttgc	qcaqgt	aatgtgg	tttgataact	900
235	acagtqgggg	accat	atq	tgtacttac	cagaata	aaattttt	960
236	ttaccagtta	cgacat	ggc	tgtqgt	gaa	gtatgggaa	1020
237	ccttctacca	aaagtgg	gtq	acaqagc	attt	tcgttctat	1080
238	ctataaaat	ttacgtggc	cagat	tc	taqctt	tttgtc	1140
239	caacataaa	aaatttgc	aa	qgtttc	tat	gttgc	1200
240	ttctatataa	tgaacat	cat	ttt	ttt	gttgc	1260
241	tgt	aaacatt	ttatgg	gtt	taata		1286

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/09/755,016**

DATE: 06/19/2001

TIME: 12:22:04

Input Set : **A:\Seqlist.txt**

Output Set: **N:\CRF3\06192001\I755016.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date